

IN THE SPECIFICATION

Please replace paragraph [0024] with the following text.

[0024] The longitudinally placed fibers should be generally parallel to or substantially parallel to the long axis of the balloon for maximum longitudinal stability (non-stretch) of the balloon. The fibers of the hoop wind should be perpendicular to or substantially perpendicular to the fibers placed longitudinally for maximum radial stability (non-stretch) of the balloon. This distributes the force on the balloon surface equally and creates "pixels" of equal shape and size. In the case where the fibers of the hoop wind are at a small acute angle relative to the perpendicular of the longitudinal fibers – e.g. about 80 degrees or more to the longitudinal fibers – two hoop winds (in opposite directions) can be used for minimizing radial distension. FIG. 4 depicts a balloon having a second hoop wind 12.